

VIBRATION LEVEL SENSOR

Abstract of the Disclosure

A filling level sensor comprises a tunable electrical resonant circuit, a mechanical oscillator that can be excited to resonance oscillation by the resonant circuit, and a control circuit for tuning the resonant circuit to a resonance frequency of the mechanical oscillator. A device for comparing the amplitude of the mechanical oscillator with a minimum value ascertains a malfunction of the mechanical oscillator if its amplitude falls below the minimum value.